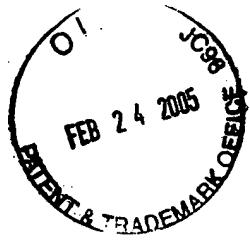


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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q81037

Mitsuya KOMAMURA

Appln. No.: 10/829,182

Group Art Unit: 2817

Confirmation No.: 6039

Examiner: NOT YET ASSIGNED

Filed: April 22, 2004

For: PWM SIGNAL GENERATOR AND PWM SIGNAL GENERATING METHOD

**STATEMENT UNDER 37 C.F.R. § 1.97(e)**

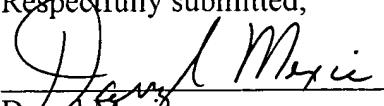
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned hereby states, upon information and belief:

That each item of information contained in the Information Disclosure Statement filed concurrently herewith was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of said Information Disclosure Statement.

Respectfully submitted,

  
Darryl Mexic  
Registration No. 23,063

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
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WASHINGTON OFFICE  
23373  
CUSTOMER NUMBER

Date: February 24, 2005

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FEB 24 2005  
U.S. TRADEMARK OFFICE 862

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**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003. Also, enclosed is a European Office Action in a corresponding European Patent Application, citing the references enclosed with this IDS.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

INFORMATION DISCLOSURE STATEMENT  
U.S. Appln. No.: 10/829,182  
Attorney Docket No.: Q81037

filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required. Nevertheless, since a statement can be made, a statement is submitted herewith.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



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**23373**  
CUSTOMER NUMBER

Date: February 24, 2005

Substitute for Form 1449 A & B/PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	10/829,182
		Confirmation Number	6039
		Filing Date	April 22, 2004
		First Named Inventor	Mitsuya KOMAMURA
		Art Unit	2817
		Examiner Name	NOT YET ASSIGNED
Sheet	1	of	1
		Attorney Docket Number	Q81037

## **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		ANDREAS C. FLOROS, et al., "A Novel and Efficient PCM to PWM Converter for Digital Audio Amplifiers", ELECTRONICS, CIRCUITS AND SYSTEMS, 1999., PROCEEDINGS OF ICECS '99. THE 6 <sup>TH</sup> IEEE INTERNATIONAL CONFERENCE ON PAFOS, CYPRUS, 5-8 September 1999, Piscataway, NJ, USA, IEEE, US, Audio Group, Wired Communications Laboratory University of Patras, 26500 Rio, Patras, page 165-168	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.